

1           **RAISED SERIAL ADVANCED TECHNOLOGY ATTACHMENT (SATA)**  
2           **CONNECTOR FOR HIGH-DENSITY MOUNTING ON A PRINTED CIRCUIT**  
3           **BOARD (PCB)**

4           **ABSTRACT**

5       Disclosed is a raised SATA PCB connector for high-density mounting on a PCB. The raised  
6       SATA PCB connector is configured for connection with a SATA cable connector and is  
7       further configured for mounting onto a first side of a PCB. The raised SATA PCB connector  
8       includes a raised mounting portion for mounting to the first side of the PCB. A blade  
9       connector may project from the raised mounting portion at a sufficient height from the PCB  
10      to allow the blade connector to suitably connect with a SATA cable connector and to allow  
11      another SATA cable connector to be suitably connected to another raised SATA PCB  
12      connector mounted in opposing relation to the second side of the PCB